

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Hickman County, Kentucky**

**Kentucky State Nature Preserves
Commission
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S#B = Rank of breeding population

S4 = Apparently secure

S#T# = Intraspecific taxa

S#N = Rank of non-breeding population

S5 = Secure

SNR = Unranked

S#M = Rank of transient population

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to have extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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County	Taxonomic Group	Scientific name	Common name	Statuses	Ranks	# of Occurrences				
						E	H	F	X	U
Hickman	Vascular Plants	<i>Aesculus pavia</i>	Red Buckeye	T /	G5 / S2S3	1	0	0	0	0
Hickman	Vascular Plants	<i>Berchemia scandens</i>	Supple-jack	T /	G5 / S1S2	0	1	0	0	0
Hickman	Vascular Plants	<i>Carex crebriflora</i>	Coastal Plain Sedge	T /	G4 / S1?	1	0	0	0	0
Hickman	Vascular Plants	<i>Carex decomposita</i>	Epiphytic Sedge	T /	G3 / S2	0	0	1	0	0
Hickman	Vascular Plants	<i>Chelone obliqua</i> var. <i>speciosa</i>	Rose Turtlehead	S /	G4T3 / S3	2	1	0	0	0
Hickman	Vascular Plants	<i>Clematis crispa</i>	Blue Jasmine Leather-flower	T /	G5 / S2	2	1	2	0	0
Hickman	Vascular Plants	<i>Didiplis diandra</i>	Water-purslane	S /	G5 / S2S3	1	0	0	0	0
Hickman	Vascular Plants	<i>Dryopteris carthusiana</i>	Spinulose Wood Fern	S /	G5 / S3	0	0	1	0	0
Hickman	Vascular Plants	<i>Eryngium integrifolium</i>	Blue-flower Coyote-thistle	E /	G5 / S1	0	1	0	0	0
Hickman	Vascular Plants	<i>Gleditsia aquatica</i>	Water Locust	S /	G5 / S3?	2	0	0	0	0
Hickman	Vascular Plants	<i>Hedeoma hispidum</i>	Rough Pennyroyal	T /	G5 / S2	1	0	0	0	0
Hickman	Vascular Plants	<i>Heterotheca subaxillaris</i> var. <i>latifolia</i>	Broad-leaf Golden-aster	T /	G5T5 / S2	1	0	0	0	0
Hickman	Vascular Plants	<i>Listera australis</i>	Southern Twayblade	H /	G4 / SH	0	0	0	1	0
Hickman	Vascular Plants	<i>Melanthera nivea</i>	Snow Squarestem	S /	G5 / S3?	1	0	0	0	0
Hickman	Vascular Plants	<i>Nemophila aphylla</i>	Small-flower Baby-blue-eyes	T /	G5 / S2?	2	0	0	0	0
Hickman	Vascular Plants	<i>Oldenlandia uniflora</i>	Clustered Bluets	E /	G5 / S1	1	0	0	0	0
Hickman	Vascular Plants	<i>Paspalum boscianum</i>	Bull Paspalum	S /	G5 / S2S3	1	0	0	0	0
Hickman	Vascular Plants	<i>Phacelia ranunculacea</i>	Blue Scorpion-weed	S /	G4 / S3	3	0	0	0	0
Hickman	Vascular Plants	<i>Polymnia laevigata</i>	Tennessee Leafcup	E /	G3 / S1S2	1	1	0	0	0
Hickman	Vascular Plants	<i>Ptilimnium capillaceum</i>	Mock Bishop's-weed	T /	G5 / S1S2	1	0	0	0	0
Hickman	Vascular Plants	<i>Ptilimnium nuttallii</i>	Nuttall's Mock Bishop's-weed	E /	G5? / S1S2	1	0	0	0	0
Hickman	Vascular Plants	<i>Utricularia macrorhiza</i>	Greater Bladderwort	E /	G5 / S1	1	0	0	0	0
Hickman	Vascular Plants	<i>Verbena canadensis</i>	Rose Mock-verbain	H /	G5 / SH	0	0	0	1	0
Hickman	Vascular Plants	<i>Zizaniopsis miliacea</i>	Southern Wild Rice	T /	G5 / S1S2	1	0	0	0	0
Hickman	Terrestrial Snails	<i>Webbhelix multilineata</i>	Striped Whitelip	T /	G5 / S1S2	1	2	0	0	0
Hickman	Freshwater Mussels	<i>Lampsilis abrupta</i>	Pink Mucket	E / LE	G2 / S1	1	0	0	0	0
Hickman	Freshwater Mussels	<i>Potamilus purpuratus</i>	Bleufer	E /	G5 / S1	2	0	0	0	0
Hickman	Freshwater Mussels	<i>Toxolasma texasiensis</i>	Texas Lilliput	E /	G4 / S1	4	0	0	0	0
Hickman	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	2	0	0	0	0
Hickman	Crustaceans	<i>Cambarellus shufeldtii</i>	Cajun Dwarf Crayfish	S /	G5 / S2	1	1	0	0	0

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Hickman	Crustaceans	<i>Orconectes lancifer</i>	Shrimp Crayfish	E /	G5 / S1	1	1	0	0	0
Hickman	Crustaceans	<i>Orconectes palmeri palmeri</i>	Gray-Speckled Crayfish	E /	G5T5 / S1	2	0	0	0	0
Hickman	Crustaceans	<i>Procambarus viaeviridis</i>	Vernal Crayfish	T /	G5 / S1	1	0	0	0	0
Hickman	Insects	<i>Arigomphus maxwelli</i>	Bayou Clubtail	T /	G5 / S1S2	1	0	0	0	0
Hickman	Insects	<i>Poanes viator</i>	Broad-winged Skipper	T /	G5 / S1S2	1	0	0	0	0
Hickman	Fishes	<i>Acipenser fulvescens</i>	Lake Sturgeon	E / SOMC	G3G4 / S1	0	1	0	0	0
Hickman	Fishes	<i>Cyprinella camura</i>	Bluntnose Shiner	E /	G5 / S1	0	1	0	0	0
Hickman	Fishes	<i>Cyprinella venusta</i>	Blacktail Shiner	S /	G5 / S3	8	2	0	0	0
Hickman	Fishes	<i>Erimyzon sucetta</i>	Lake Chubsucker	T /	G5 / S2	3	1	0	0	0
Hickman	Fishes	<i>Esox niger</i>	Chain Pickerel	S /	G5 / S3	5	3	0	0	0
Hickman	Fishes	<i>Etheostoma chienense</i>	Relict Darter	E / LE	G1 / S1	10	0	1	0	0
Hickman	Fishes	<i>Etheostoma proeliare</i>	Cypress Darter	T /	G5 / S2	0	1	0	0	0
Hickman	Fishes	<i>Fundulus dispar</i>	Starhead Topminnow	E /	G4 / S1	0	0	1	0	0
Hickman	Fishes	<i>Hybognathus hayi</i>	Cypress Minnow	E /	G5 / S1	2	8	0	0	0
Hickman	Fishes	<i>Ictiobus niger</i>	Black Buffalo	S /	G5 / S3	1	3	0	0	0
Hickman	Fishes	<i>Lepomis marginatus</i>	Dollar Sunfish	E /	G5 / S1	8	0	0	0	0
Hickman	Fishes	<i>Lepomis miniatus</i>	Redspotted Sunfish	T /	G5 / S2	1	2	0	0	0
Hickman	Fishes	<i>Macrhybopsis gelida</i>	Sturgeon Chub	E /	G3 / S1	1	0	0	0	0
Hickman	Fishes	<i>Macrhybopsis meeki</i>	Sicklefin Chub	E /	G3 / S1	1	0	0	0	0
Hickman	Fishes	<i>Notropis maculatus</i>	Taillight Shiner	T /	G5 / S2S3	4	1	0	0	0
Hickman	Fishes	<i>Scaphirhynchus albus</i>	Pallid Sturgeon	E / LE	G2 / S1	3	0	0	0	0
Hickman	Fishes	<i>Umbra limi</i>	Central Mudminnow	T /	G5 / S2S3	8	0	0	0	0
Hickman	Amphibians	<i>Amphiuma tridactylum</i>	Three-toed Amphiuma	E /	G5 / S1	1	0	0	0	0
Hickman	Amphibians	<i>Hyla avivoca</i>	Bird-voiced Treefrog	S /	G5 / S3	1	0	0	0	0
Hickman	Amphibians	<i>Hyla cinerea</i>	Green Treefrog	S /	G5 / S3	7	0	0	0	0
Hickman	Amphibians	<i>Rana areolata circulosa</i>	Northern Crawfish Frog	S /	G4T4 / S3	0	2	1	0	0
Hickman	Reptiles	<i>Apalone mutica mutica</i>	Midland Smooth Softshell	S /	G5T5 / S3	2	0	0	0	0

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Hickman	Reptiles	<i>Chrysemys dorsalis</i>	Southern Painted Turtle	T /	G5 / S2	1	1	0	0	0
Hickman	Reptiles	<i>Farancia abacura reinwardtii</i>	Western Mud Snake	S /	G5T5 / S3	2	1	0	0	0
Hickman	Reptiles	<i>Nerodia cyclopion</i>	Green Water Snake	E /	G5 / S1	0	0	0	0	1
Hickman	Reptiles	<i>Thamnophis sauritus sauritus</i>	Eastern Ribbon Snake	S /	G5T5 / S3	0	1	1	0	0
Hickman	Breeding Birds	<i>Aimophila aestivalis</i>	Bachman's Sparrow	E / SOMC	G3 / S1B	0	0	0	3	0
Hickman	Breeding Birds	<i>Ardea alba</i>	Great Egret	E /	G5 / S1B	3	0	0	1	0
Hickman	Breeding Birds	<i>Chondestes grammacus</i>	Lark Sparrow	T /	G5 / S2S3B	1	1	0	0	0
Hickman	Breeding Birds	<i>Cistothorus platensis</i>	Sedge Wren	S /	G5 / S3B	1	0	0	0	0
Hickman	Breeding Birds	<i>Corvus ossifragus</i>	Fish Crow	S /	G5 / S3B	5	0	0	0	0
Hickman	Breeding Birds	<i>Haliaeetus leucocephalus</i>	Bald Eagle	T / Delisted	G5 / S2B,S2S3N	1	0	0	1	0
Hickman	Breeding Birds	<i>Ictinia mississippiensis</i>	Mississippi Kite	S /	G5 / S2B	3	0	0	0	0
Hickman	Breeding Birds	<i>Nyctanassa violacea</i>	Yellow-crowned Night-heron	T /	G5 / S2B	2	0	0	0	0
Hickman	Breeding Birds	<i>Riparia riparia</i>	Bank Swallow	S /	G5 / S3B	0	1	0	1	0
Hickman	Breeding Birds	<i>Sternula antillarum athalassos</i>	Interior Least Tern	E / LE	G4T2Q / S2B	4	0	0	1	0
Hickman	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	1	0	0	0	0
Hickman	Mammals	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	1	0	0	0	0
Hickman	Mammals	<i>Myotis austroriparius</i>	Southeastern Myotis	E / SOMC	G3G4 / S1S2	1	0	0	0	0
Hickman	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	3	0	0	0	0
Hickman	Mammals	<i>Nycticeius humeralis</i>	Evening Bat	S /	G5 / S3	2	0	0	0	0
Hickman	Communities	<i>Bottomland hardwood forest</i>		/	GNR / S3	2	0	0	0	0
Hickman	Communities	<i>Coastal Plain slough</i>		/	GNR / S2	1	0	0	0	0
Hickman	Communities	<i>Cypress (tupelo) swamp</i>		/	GNR / S1	1	0	0	0	0
Hickman	Communities	<i>Shrub swamp</i>		/	GNR / S2S3	1	0	0	0	0
Hickman County Total:						143	39	8	9	1